

Form PTO 1449A U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER: 78376 (18-72 US CIP)	SERIAL NUMBER: 10/762,158
	APPLICANT: ARGOTIA ET AL.	
	FILING DATE: JANUARY 20, 2004	GROUP: 1773


U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED APP
/LK/	4,099,838	Jul. 11, 1978	Cook et al.	359	537	
	2004/0105963 A1	Jun. 3, 2004	Bonkowski et al	428	195.1	
	6,987,590	Jan. 17, 2006	Phillips et al.	359	2	
	5,223,360	Jun. 29, 1993	Prengel et al.	430	39	
	4,867,793	Sep. 19, 1989	Franz et al.	106	415	
/LK/	2004/009309	Jan. 15, 2004	Raksha et al.	427	598	

Foreign Patent Documents

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						YES	NO
/LK/	WO 01/53113 A	Jul. 26, 2001	WIPO	B42D	15/10		
	1 498 545 A	Jan. 19, 2005	Europe	D21H	21/42		
	2004/024836	Mar. 25, 2004	WIPO	C09D	5/36		
/LK/	4212290	May 27, 1993	Germany	B44F	1/12		


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EXAMINER	/LK/ 	DATE CONSIDERED 03-07
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/LKJ	2,570,856	Oct. 9, 1951	Pratt et al	41	32	
	3,627,580	Dec. 14, 1971	Krall	117	238	
	3,633,720	Jan. 11, 1972	Tyler	400	105	
	3,845,499	Oct. 29, 1974	Ballinger	346	74.3	
	3,873,975	Mar. 25, 1975	Milkos et al.	360	25	
	4,054,922	Oct. 25, 1977	Fichter	346	74.3	
	4,197,563	Apr. 8, 1980	Michaud	346	74.3	
	4,271,782	Jun. 9, 1981	Bate et al	118	623	
	4,543,551	Sep. 24, 1985	Peterson	335	284	
	4,931,309	Jun. 5, 1990	Komatsu et al	427	599	
	5,079,058	Jan. 7, 1992	Tomiyama	428	40	
	5,177,344	Jan. 5, 1993	Pease	235	449	
	5,474,814	Dec. 12, 1995	Komatsu et al	427	549	
	6,403,169	Jun. 2002	Hardwick et al	427	548	
	6,589,331	Jul. 8, 2003	Ostertag et al.	106	460	
	6,649,256	Nov. 2003	Buczek et al	428	323	
	6,749,777	Jun. 15 2004	Argoitia et al.	252	582	
	6,902,807	Jun. 7, 2005	Argoitia et al.	428	403	
/LKJ	7,047,883	May 23, 2006	Raksha et al.	101	489	

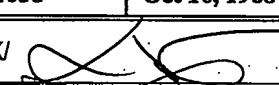
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		4,788,116	Nov. 29, 1988	Hochberg	430	21	
		5,811,775	Sep. 22, 1998	Lee	235	457	
		6,549,131	Apr. 15, 2003	Cote et al.	340	572.1	
		6,815,065	Nov. 9, 2004	Argoitia et al.	428	403	
		6,759,097	July 6, 2004	Phillips et al.	427	510	
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/LK/	1 353 197	Oct. 15, 2003	Europe	G02B	5/18	YES	NO
	WO05/017048	Feb. 24, 2005	WIPO	C09C	1/00		
	WO88/07214	Sep 22, 1988	WIPO	G02B	5/128		
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/LK/	Halliday et al, "Fundamentals of Physics, Sixth Edition", p 662, July 2000
	Argoitia et al, "Pigments Exhibiting Diffractive Effects", Soc. of Vac. Coaters, 45 th Annual Tech. Conf. Proceed. (2002)
	Argoitia et al, "The concept of printable holograms through the alignment of diffractive pigments", SPIE Conference on Document Security, January 2004
/LK/	Coombs et al, "Integration of contracting technologies into advanced optical security devices", SPIE Conference on Document Security, January 2004
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/LK/	6,643,001	Nov. 4, 2003	Faris	356	37	

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							Yes	No

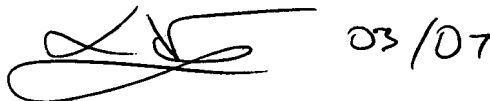
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Form PTO 1449A U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant Page 1 of 3	ATTY. DOCKET NUMBER: 78376 18-72 US CIP	SERIAL NUMBER: 10/762,158
	APPLICANT: ARGOTTIA ET AL.	
	FILING DATE: JANUARY 20, 2004	GROUP: 2131

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/LK/	3,610,721	Oct. 5, 1971	Abramson et al.	350	3.5	
	3,676,273	Jul. 11, 1972	Graves	161	3	
	3,790,407	Feb. 5, 1974	Merten et al.	117	240	
	3,791,864	Feb. 12, 1974	Stelngroever	117	238	
	3,853,676	Dec. 10, 1974	Graves	161	5	
	4,011,009	Mar. 8, 1977	Lama et al.	359	571	
	4,398,798	Aug. 16, 1983	Krawczak et al.	359	573	
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	5,672,410	Sep. 30, 1997	Miecka et al.	428	148	
	5,991,078	Nov. 23, 1999	Yoshitake et al.	359	567	
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Form PTO 1449A U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant Page 2 of 3	ATTY. DOCKET NUMBER: 78376 18-72 US CIP	SERIAL NUMBER: 10/762,158
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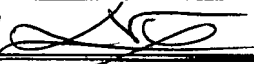
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						YES	NO
	0341002	Nov. 8, 1989	Europe	G06K	19/08		
	0556449	Aug. 25 1993	Europe	B05D	3/14		
	406667	Jan. 11, 1995	Europe	B05D3	1/00		
	710508	May 8, 1996	Europe	B05D	3/14		
	0953937	Nov. 3, 1999	Europe	G06K	19/08		
	1239307	Sep. 11, 2002	Europe	G02B	5/22		
	63172279	Jul. 15, 1988	Japan	G03G	9/08		
/LK/	WO 02/40600	May 23, 2002	WIPO	C09C	1/00		

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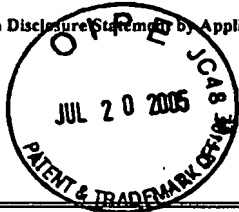
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	Argotta and Witzman, "Pigments Exhibiting Diffractive Effects, Soc. Of Vac. Coaters, 45 th Annual Tech. Conf. Proceed. (2002).
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	Lotz et al., <i>Optical Layers on Large Area Plastic Films</i> , Precision, Applied Films (Nov 2001).
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/LK/		Prokes and Wang (ED.), <i>Novel Methods of Nanoscale Wire Formation</i> , Mat. Research Soc. Bul, pp. 13-14 (Aug. 1999).
/LK/		Dobrowolski et al., "Research on Thin Film Anticounterfeiting Coatings at the National Research Council of Canada", <i>Applied Optics</i> , vol. 28, no. 14, pp. 2702-17, Jul. 15, 1989,
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (substitute form 1449A)	Application Number	unassigned
	Filing Date	herewith
	First Named Inventor	Argoitia
	Art Unit	unassigned
	Examiner Name	
Sheet 1 of 1	Attorney Docket No.	FP0303C1US

U.S. Patent s


Examiner Initials	Cite No.	Document No.	Name of Applicant	Pub. Date	Class	Sub- class	Filing Date (if appropriate)
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	2	5,744,223	Abersfelder et al.	04/28/1998	428	206	
/LK/	3	3,123,490	Bolomey et al.	03/03/1964	106	291	

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/LK/	4	WO	00/08596	G06K 19/06	Muller	02/17/2000	Eng. Doc.
/LK/	5	WO	95/13569	G03F 7/00	King	05/18/1995	Eng. Doc.

OTHER ART

EXAMINER	/LK/ 	DATE CONSIDERED 03/07